

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX022223\
 Data File : VX034236.D
 Acq On : 22 Feb 2023 18:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 23 17:32:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	71	0.00
2 T	Dichlorodifluoromethane	50.000	49.925	0.2	67	0.00
3 P	Chloromethane	50.000	49.857	0.3	69	0.00
4 C	Vinyl Chloride	50.000	55.361	-10.7#	76	0.00
5 T	Bromomethane	50.000	73.524	-47.0#	89	0.01
6 T	Chloroethane	50.000	64.684	-29.4#	85	0.00
7 T	Trichlorofluoromethane	50.000	61.087	-22.2	85	0.00
8 T	Diethyl Ether	50.000	58.668	-17.3	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.548	6.9	65	0.00
10 T	Methyl Iodide	50.000	48.752	2.5	65	0.00
11 T	Tert butyl alcohol	250.000	194.133	22.3	57	0.01
12 CM	1,1-Dichloroethene	50.000	45.846	8.3#	64	0.00
13 T	Acrolein	250.000	207.216	17.1	62	0.00
14 T	Allyl chloride	50.000	41.993	16.0	58	0.00
15 T	Acrylonitrile	250.000	227.517	9.0	63	0.00
16 T	Acetone	250.000	189.966	24.0	55	0.00
17 T	Carbon Disulfide	50.000	42.684	14.6	59	0.00
18 T	Methyl Acetate	50.000	45.877	8.2	62	0.00
19 T	Methyl tert-butyl Ether	50.000	46.200	7.6	64	0.00
20 T	Methylene Chloride	50.000	45.533	8.9	66	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.179	5.6	65	0.00
22 T	Diisopropyl ether	50.000	48.921	2.2	67	0.00
23 T	Vinyl Acetate	250.000	236.375	5.5	65	0.00
24 P	1,1-Dichloroethane	50.000	45.927	8.1	64	0.00
25 T	2-Butanone	250.000	215.385	13.8	61	0.00
26 T	2,2-Dichloropropane	50.000	43.929	12.1	62	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.040	3.9	66	0.00
28 T	Bromochloromethane	50.000	45.277	9.4	65	0.00
29 T	Tetrahydrofuran	250.000	227.558	9.0	63	0.00
30 C	Chloroform	50.000	47.368	5.3#	66	0.00
31 T	Cyclohexane	50.000	46.117	7.8	63	0.00
32 T	1,1,1-Trichloroethane	50.000	46.433	7.1	65	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.450	13.1	64	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35 S	Dibromofluoromethane	50.000	47.927	4.1	69	0.00
36 T	1,1-Dichloropropene	50.000	48.051	3.9	64	0.00
37 T	Ethyl Acetate	50.000	47.778	4.4	63	0.00
38 T	Carbon Tetrachloride	50.000	48.151	3.7	65	0.00
39 T	Methylcyclohexane	50.000	47.619	4.8	63	0.00
40 TM	Benzene	50.000	49.584	0.8	67	0.00
41 T	Methacrylonitrile	50.000	48.801	2.4	64	0.00
42 TM	1,2-Dichloroethane	50.000	47.383	5.2	64	0.00
43 T	Isopropyl Acetate	50.000	47.121	5.8	63	0.00
44 TM	Trichloroethene	50.000	50.205	-0.4	67	0.00
45 C	1,2-Dichloropropane	50.000	49.437	1.1#	67	0.00
46 T	Dibromomethane	50.000	48.949	2.1	66	0.00
47 T	Bromodichloromethane	50.000	48.155	3.7	65	0.00
48 T	Methyl methacrylate	50.000	47.255	5.5	63	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	889.504	11.0	62	0.02
50 S	Toluene-d8	50.000	50.769	-1.5	72	0.00
51 T	4-Methyl-2-Pentanone	250.000	258.264	-3.3	69	0.00
52 CM	Toluene	50.000	52.586	-5.2#	71	0.00
53 T	t-1,3-Dichloropropene	50.000	49.293	1.4	65	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.449	3.1	64	0.00
55 T	1,1,2-Trichloroethane	50.000	53.084	-6.2	72	0.00
56 T	Ethyl methacrylate	50.000	51.027	-2.1	68	0.00
57 T	1,3-Dichloropropane	50.000	51.787	-3.6	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.478	0.2	68	0.00
59 T	2-Hexanone	250.000	255.349	-2.1	69	0.00
60 T	Dibromochloromethane	50.000	51.682	-3.4	70	0.00
61 T	1,2-Dibromoethane	50.000	52.024	-4.0	71	0.00
62 S	4-Bromofluorobenzene	50.000	52.081	-4.2	74	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64 T	Tetrachloroethene	50.000	48.589	2.8	71	0.00
65 PM	Chlorobenzene	50.000	50.634	-1.3	74	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.871	0.3	73	0.00
67 C	Ethyl Benzene	50.000	50.433	-0.9#	72	0.00
68 T	m/p-Xylenes	100.000	102.991	-3.0	75	0.00
69 T	o-Xylene	50.000	51.729	-3.5	75	0.00
70 T	Styrene	50.000	52.714	-5.4	75	0.00
71 P	Bromoform	50.000	48.316	3.4	70	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73 T	Isopropylbenzene	50.000	49.499	1.0	76	0.00
74 T	N-ethyl acetate	50.000	47.796	4.4	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.570	6.9	74	0.00
76 T	1,2,3-Trichloropropane	50.000	55.614	-11.2	87	0.00
77 T	Bromobenzene	50.000	49.216	1.6	76	0.00
78 T	n-propylbenzene	50.000	50.588	-1.2	76	0.00
79 T	2-Chlorotoluene	50.000	48.909	2.2	75	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.463	-0.9	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.441	13.1	67	0.00
82 T	4-Chlorotoluene	50.000	50.662	-1.3	78	0.00
83 T	tert-Butylbenzene	50.000	50.050	-0.1	77	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.860	0.3	77	0.00
85 T	sec-Butylbenzene	50.000	51.303	-2.6	78	0.00
86 T	p-Isopropyltoluene	50.000	51.111	-2.2	77	0.00
87 T	1,3-Dichlorobenzene	50.000	49.651	0.7	76	0.00
88 T	1,4-Dichlorobenzene	50.000	50.106	-0.2	78	0.00
89 T	n-Butylbenzene	50.000	51.129	-2.3	76	0.00
90 T	Hexachloroethane	50.000	47.447	5.1	72	0.00
91 T	1,2-Dichlorobenzene	50.000	49.465	1.1	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	41.357	17.3	64	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.850	2.3	72	0.00
94 T	Hexachlorobutadiene	50.000	46.639	6.7	70	0.00
95 T	Naphthalene	50.000	47.741	4.5	73	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.433	3.1	74	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6